

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4472	(otterbach ohl kohn schomacker ulmer).inv.	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 15:31
S2	97	S1 and sensor and data and signal and time	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 15:32
S3	337	(702/62).CCLS	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/02 07:00
S4	399	(340/310.12).CCLS	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/02 09:44

S5	285	S4 and power and current	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 09:45
S6	79	S5 and ((time adj (slot period)) (response adj period))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 09:46
S7	13	S6 and sensor and parallel	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 09:47
S8	7689	("870.01-870.44,664,660-663,3.1-3.9,901-905,436,310.11-310.18").PN. or (702/57,60-65,124,188,138,141,127).CLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/02 09:51
S9	4	S5 and ((time adj (slot period)) (response adj period)) and (current with (modulation modulate modulated)) and sensor and parallel and (response respond reply replies replying)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 09:52
S10	6	S8 and ((delay pause wait) with (response respond reply replies replying)) and (current with (modulation modulate modulated)) and sensor and parallel	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:12

S11	1	S8 and ((delay pause wait) with (response respond reply replies replying) and (current with (modulation modulate modulated)) and (sensor with (parallel string)))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:17
S12	1	S8 and ((delay pause wait) with (response respond reply replies replying poll polling query queried) and (current with (modulation modulate modulated)) and (sensor with (parallel string)))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:18
S13	76	((delay pause wait) with (response respond reply replies replying poll polling query queried) and (current with (modulation modulate modulated)) and (sensor with (parallel string)))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:18
S14	31	S13 and (crash impact)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:18
S15	6	S4 and ((delay pause wait) with (response respond reply replies replying poll polling query queried)) and sensor	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:22
S16	51	S4 and sensor and pulse	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 11:17

S17	31	S4 and sensor and ((interrogation interrogate initiation control) with pulse)	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 11:18
S18	50	("2861257"   "2866963"   "3021520"   "3025496"   "3411058"   "3453510"   "3462756"   "3581183"   "3697975"   "3766462"   "3896363"   "4074179"   "4293846"   "4312059"   "4328482"   "4368990"   "4376910"   "4382691"   "4419667"   "4435706"   "4507645"   "4573041"   "4633217"   "4689605").PN. OR ("4788527").URPN.	US-PCPUB; USPAT; USOCR	OR	ON	2010/01/05 16:30
S19	31	("3729710"   "4131882"   "4348582"   "4361766"   "4385241"   "4471232").PN. OR ("4540890").URPN.	US-PCPUB; USPAT; USOCR	OR	ON	2010/01/05 16:36
S20	4551	(response with (time\$1slot (time adj slot) (unique near2 delay)))	US-PCPUB; USPAT; USOCR	OR	ON	2010/01/06 07:21
S21	570	S20 and interrogat\$3	US-PCPUB; USPAT; USOCR	OR	ON	2010/01/06 07:21
S22	20	S21 and (in\$1line daisy\$1chain)	US-PCPUB; USPAT; USOCR	OR	ON	2010/01/06 07:22
S23	2	("4471345").PN.	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/06 07:28
S24	263	S21 and parallel	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 07:48

S25	6	S21 and (parallel with sensor)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 07:48
S26	0	S21 and (chain with sensor)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 07:50
S27	3	S20 and (chain with sensor)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 08:06
S28	2	("4754262").PN.	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/06 08:07
S29	351	((power near2 communicat\$3) and sensor and poll and ((power voltage) near2 (rais\$3 increas\$3 assert\$3))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:34
S30	187	S29 and delay	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:34

S31	68	((power near2 communicat\$3) with (line wire)) and sensor and poll and ((power voltage) near2 (rais\$3 increas\$3 assert\$3))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:35
S32	2893	power\$1line adj (communication carrier telecom telecommunication networking)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:55
S33	2	power\$1line adj digital adj subscriber	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:55
S34	2555	mains adj communication	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:55
S35	148	broadband near2 power\$1line\$1	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:55
S36	5505	S32 S33 S34 S35	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:56

S37	0	S36 and sensor and ((power voltage) near2 (rais\$3 increas\$3 assert\$3) near2 (delay timer wait timing))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:56
S38	269	S36 and sensor and ((power voltage) near2 (rais\$3 increas\$3 assert\$3))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:56
S39	211	S38 and (delay timer wait timing)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:57
S40	15	S38 and ((delay timer wait timing) with (response respond\$3))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:57
S41	1	S36 and sensor and (((power voltage) near2 (rais\$3 increas\$3 assert\$3)) with (delay timer wait timing))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:00
S42	24	S36 and ((power voltage) with (rais\$3 increas\$3 assert\$3) with (delay timer wait timing))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:01

S43	10	S36 and ((power voltage) with (rais\$3 increas\$3 assert\$3) with collision)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:12
S44	24	S36 and ((power voltage) with sensor with (delay timer wait timing))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:19
S45	74	S36 and ((power voltage) with sensor with response)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:26
S46	1040	(340/538-538.17).OCLS	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/17 14:28
S47	50	S46 and (sensor with (delay timer wait timing))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:29
S48	154	S46 and ((power voltage) near2 (rais\$3 increas\$3 assert \$3))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:39

S49	100	S48 and (delay timer wait timing)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:40
S50	61	S49 and sensor	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:40
S51	2215	(340/538-538.17,310.01,310.02,310.06,310.08,514).COLS.	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/17 15:08
S52	246	S51 and ((power voltage) near2 (rais\$3 increas\$3 assert \$3))	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 15:08
S53	149	S52 and (delay timer wait timing)	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 15:08
S54	88	S53 not S50	US-PCPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 15:08

S55	2744	(340/505,508,509,512,514).COLS.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/18 09:04
S56	0	(INTERROGATE NEAR4 SENSOR) AND OVERLAPP and (VOLTAGE ADJ LEVEL) and (CURRENT NEAR4 LEVEL) and (TIME ADJ SLOT)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:06
S57	1	(INTERROGATE NEAR4 SENSOR) AND OVERLAP and (VOLTAGE ADJ LEVEL) and (CURRENT NEAR4 LEVEL) and (TIME ADJ SLOT)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:06
S58	4	(INTERROGATE NEAR4 SENSOR) and (VOLTAGE ADJ LEVEL) and (CURRENT NEAR4 LEVEL) and (TIME ADJ SLOT)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:08
S59	271	S55 and ((time adj slot) overlap crosstalk co\$1incidence)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:10
S60	140	S59 and ((voltage power current) with (rais\$3 increas\$3 high))	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:11

S61	63	S55 and ((voltage power current) with (raise\$3 increase\$3 high) with interrogat\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:17
S62	32	S61 not S60	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/18 09:17

### EAST Search History (Interference)

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